Recombinant DGRmAb®

# Aquaporin 2 (DGR16662) Rabbit mAb

**db14899** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Aquaporin 2 (DGR16662) Rabbit mAb
**Cat.No.:** db14899
**Synonyms :** AQP-CD; WCH-CD
**Application :** WB, IHC-P, IP
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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| **Background** | This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus. [provided by RefSeq, Oct 2008] |
| **Immunogen** | A synthetic peptide of human Aquaporin 2 |
| **Gene ID** | 359 |
| **Swiss Prot** | P41181 |
| **Synonyms** | AQP-CD; WCH-CD |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC-P: 1:500-1:2000<br>IP: 1:20-1:50 |
| **Calculated MW** | 29 kDa |
| **Observed MW** | 37 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR16662 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

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| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |

Western blot detection of Aquaporin 2 in Raoms,Raji cell lysates using Aquaporin 2 antibody(1:1000 diluted).